

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted
for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Bonide Eight Garden & Home Insect Control RTU

ID. NO. 4406
Date November 9, 1998

Section I

Bonide Products, Inc. (800) 424-9300
2 Wurz Ave. (315) 736-8231
Yorkville, NY 13495

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity - Common Name(s))	OSHA PFL	ACGIH	TLV	Other Limits	% (Optional)
Permethrin [CAS NO. 52645-53-1]	TWA - N/E		STE - N/E		0.02
Aqueous/emulsion Diluent	TWA - N/E		STE - N/E		99.98

Section III - Physical/Chemical Characteristics

PHYSICAL FORM Liquid	COLOR opaque/white	BULK DENSITY N/A
VAPOR PRESSURE N/E	ODOR Slight Insecticide type odor	pH 5.5 to 7.0
EYE N/E	SPECIFIC GRAVITY - 1.0	
LD ₅₀ ORAL * >4000 mg/kg	LD ₅₀ DERMAL * >2000 mg/kg	

Section IV - Fire/Explosion Hazards

FLASH POINT Aqueous base product Will not flash or burn Will "steam" from water content
FLAMMABILITY N/E EXTINGUISHING MEDIA for cardboard shipping cartons Water Fog, CO₂ or Chemical
foam FIRE FIGHTING COMMENTS Foam/Fog system preferred Remove closed case goods from path of fire
Use fog nozzles if water is used Use air supplied or canister breathing masks for protection against burning cases
and cartons UNUSUAL FIRE/EXPLOSION HAZARD None Toxic vapor from heated product - Does not contain
explosive ingredients

Section V - Special Protection Information

RESPIRATOR TYPE None likely needed during application (Coarse spray droplets from Hose-End Sprayer)
EYE PROTECTION Protective eyewear is always advisable when applying pesticides GLOVES Wear Rubber
or neoprene Household type work gloves OTHER PROTECTION Body covering clothing shoes plus socks
KEEP OUT OF REACH OF CHILDREN

Section VII - Reactivity Data

STABILITY Stable POLYMERIZATION Will Not Occur
CONDITIONS TO AVOID Do not allow products to freeze, If frozen warm to ambient temperature, thoroughly
mix and test spray a small leaf area of plant to assure that product will work properly
DECOMPOSITION Product is a diluted water base Insecticide and not likely to have any hazardous
decomposition

Section VIII - Storage and Handling

STORAGE Store product in its original labeled container in a cool, dry, locked place out of reach of children
STORAGE TEMPERATURES Ambient (Average Warehouse) Temperatures Do not allow to freeze SHELF
LIFE 2 to 3 years if stored properly PRODUCT DISPOSAL Do not contaminate water, food or feed by storage or
disposal Excess product may be disposed of on site or at an approved disposal facility or continue to use up all
product as directed for insect control CONTAINER DISPOSAL Do not re-use empty container, wrap in several
layers of newspaper and discard in trash

Section VIII - Health Hazard Data

PRODUCT LABEL BEARS ONLY THE "CAUTION" SIGNAL WORD

FIRST AID IF SWALLOWED Call a physician of Poison Control Center immediately Induce vomiting by giving victim 1 or 2 glasses of water and coughing back of throat with finger Do not induce vomiting or give anything by mouth to an unconscious or convulsing person IF IN EYES Rinse eyes for at least 15 minutes with plenty of water Call a physician if irritation persists Get medical attention immediately IF ON SKIN Wash promptly with plenty of soap and water Wash contaminated clothing IF INHALED Remove victim to fresh air Apply artificial respiration if needed to keep victim breathing NOTE TO PHYSICIAN N/A

CAUTION May be harmful if swallowed or absorbed through the skin Avoid breathing spray mist or vapors Do not take internally Avoid contact with skin, eyes or clothing Wash hands and face thoroughly after handling and before eating

Section X - Transportation

D O T SHIPPING NAME Misc Lawn & Garden Insecticide Class N O S

D O T HAZARD CLASS N O S Non-hazardous

D O T LABELS REQUIRED No I D Number N O S

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KEEP OUT OF REACH OF CHILDREN**ABBREVIATION KEY**

N/A NOT AVAILABLE OR APPLICABLE

N/E NOT ESTABLISHED

TLV THRESHOLD LIMIT VALUE

TWA TIME WEIGHTED AVG /8 HOUR WORKDAY

STEL SHORT TERM EXPOSURE LIMIT

D O T DEPARTMENT OF TRANSPORTATION

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